APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/941,446	08/28/2001	Tien Mei Kung	1007-009	6371

			EXAMINER
22898	7590	12/23/2004	BARQADLE, YASIN M

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ART UNIT	PAPER NUMBER
2153	

DATE MAILED: 12/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Offic Action Summary	09/941,446	KUNG, TIEN MEI
	Examiner	Art Unit	
	Yasin M Barqadle	2153	

-- The MAILING DATE of this communication appears on the cover she t with th   correspond nce address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>28 August 2001</u>.

2a)☐ This action is **FINAL**.   .   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-7</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-7</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-7 are presented for examination.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which

forms the basis for all obviousness rejections set forth in this

Office action:

> (a) A patent may not be obtained though the invention is not identically
> disclosed or described as set forth in section 102 of this title, if the
> differences between the subject matter sought to be patented and the prior
> art are such that the subject matter as a whole would have been obvious at
> the time the invention was made to a person having ordinary skill in the
> art to which said subject matter pertains. Patentability shall not be
> negatived by the manner in which the invention was made.

2.   Claims 1-4 and 6-7 are rejected under 35 U.S.C. 103(a) as

being unpatentable over Ranalli et al (hereinafter "Ranalli") US

PN. (6539077) in view of Berstis USPN. (6092100).

As per claim 1, Ranalli teaches a network dial-up servo method

(fig. 1), for use with a network dial-up servo system including

a network dial-up service module (network 8 and 9, fig. 1), a

query request input interface (telephone key pad and web service

interfaces col. 2, lines 55-67 and col. 16, lines 24-65), a

searching engine control module, a complete contrast searching

engine (performing a search), a database, a message data control

module and an output control module, wherein the database of the

network dial-up servo system stores number-type indexes, and the

indexes correspond to address data relating to web sites in

World Wide Web stored in the database [a directory service (DS)

database for resolving telephone numbers to an associated IP

address and outputting the resolve Internet address to a

communication system col. 2, lines 55-67; col. 7, 15-36 and col.

17, lines 3-33], for allowing a user to input a number to all

input box in a browser of the user's computer and retrieve the

web sites through network dial-up servo system (col. 2, lines

55-67 and col. 16, lines 24-65); the network dial-up servo

method comprising the steps of:

(1) establishing network connection of a user's computer

(fig. 1, CS-1) to the network dial-up service module through a

telephone line (end user 1 connects to dial-up network fig. 1,

network 8 and 9, col. 2, lines 55-67), for allowing a user to

input a number to an input box in a browser of the user's

computer (enter telephone number via telephone key pad or

accesses the DS 12 via web service col. 2, lines 55-67 and col.

16, lines 24-65) and generate a query request to the network

dial-up servo system for accessing a web site through the

network dial-up servo system [search DS database to locate

associated Internet address based on telephone number col. 2, lines 55-67 and col. 7, 15-36];

(2) receiving the query request form the user and inputting the query request via the network dial-up service module to the query request input interface [fig. 3 and 9 col. 7, 15-59 and col. 17 lines 2-11];

(3) receiving the query request from the network dial-up service module and activating the searching engine control module via the query request input interface [search is performed based on various inputs col. 7, lines 29-49]; transferring the query request to the searching engine control module via the query request input interface [search is performed via interfaces modules of fig. 3 col. 7, lines 29-59];

(4) receiving the query request from the query request input interface via the searching engine control module [search is performed via interfaces modules of fig. 3 col. 7, lines 29-59]; controlling and managing the complete contrast searching engine, and transferring the query request to the complete contrast searching engine via the searching engine control module [records in the DS are indexed to enable searching and resolution or requests based on inputs col. 7, lines 29-59 ; col. 14, lines 16-38 and col. 16, lines 13-65];

Although Ranalli shows substantial features of the claimed invention including querying a directory service (DS) database for resolving telephone numbers to an associated IP address and outputting the resolve Internet address to a communication system (col. 17, lines 3-33), he does not explicitly show a fuzzy contrast searching engine performing a fuzzy contrast process.

Nonetheless, this feature is well known in the art and would have been an obvious modification of the system disclosed by Ranalli, as evidenced by Berstis USPN. (6092100).

In analogous art, Berstis whose invention is about a system for intelligently resolving entry of an incorrect Uniform Resource Locator (URL) in a client-server system, discloses fuzzy contrast searching engine (fuzzy search scheme) performing a fuzzy contrast process (automatically performs a fuzzy search that returns a list of URLs that most closely match what was originally entered into the browser address field [abstract and Col. 8, line 61 and col. 9, line 8]. Giving the teaching of Berstis, a person of ordinary skill in the art would have readily recognized the desirability and the advantage of modifying Ranalli by employing the fuzzy contrasting search system of Berstis because it enables users to resolve a vaguely remembered or incorrect character string into the intended

domain name or a recognized electronic addresses. [Col. 8, lines

61-67].

Ranalli further teaches:

(5) performing a complete contrast process between the

number input by the user and a TCP/IP address in the use of the

database via the complete contrast searching engine (records in

the DS are indexed to enable searching and resolution or

requests based on inputs col. 7, lines 29-59), for searching a

web site corresponding to the number and transferring address

data relating to the corresponding web site to the searching

engine control module [unique identifier numbers are translated

into corresponding IP addresses col. 7, lines 29-59; col. 9,

lines 8-36 and col. 10, lines 32-56]; if no available

corresponding web site, the complete contrast searching engine

inputting the number to the fuzzy contrast searching engine, and

the fuzzy contrast searching engine performing a fuzzy contrast

process between the number input from the complete contrast

searching engine and a TCP/IP address in the use of the

database, so as to search a web site relating to the number and

transfer address data relating to the related web site to the

searching engine control module [a list of relevant information

including email address and web address are provided to users

col. 7, lines 15-59; col. 9, lines 8-36 and col. 10, lines 32-56];

(6) receiving the address data relating to the corresponding web site or the related web site from the complete contrast searching engine or the fuzzy contrast searching engine via the searching engine control module, and transferring a TCP/IP address of the corresponding web site or the related web site to the message data control module [a list of relevant information including email address and web address are provided to users col. 7, lines 15-59; col. 9, lines 8-36 and col. 10, lines 32-56]; and

(7) retrieving the corresponding web site or the related web site according to the TCP/IP address from the searching engine control module via the message data control module [a list of relevant information including email address and web address are provided to users col. 7, lines 15-59; col. 9, lines 8-36 and col. 10, lines 32-56], and connecting the user's computer to the retrieved web site for displaying a homepage of the retrieved web site in the browser of the user's computer through the output control module [col. 15, line 64 to col. 16, line 36].

As to claim 2, this claim has similar limitation that is included in claim 1 above. Therefore it is rejected with the same rationale.

As per claim 3, Ranalli teaches the network dial-up servo system of claim 1, further consisting the step of displaying the homepage of the retrieved web site in the browser of the user's computer via the output control module controlled by the message data control module, subsequent to the completion of step (7) [col. 2, lines 23-43 and col. 16, lines 1-34].

As to claim 4, this claim has similar limitations as claim 1 above. Therefore it is rejected with the same rationale.

As to claims 6-7, these claims have similar limitations as claims 1 and 2 above. Therefore they are rejected with the same rationale.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published
under section 122(b), by another filed in the United States before the
invention by the applicant for patent or (2) a patent granted on an
application for patent by another filed in the United States before the
invention by the applicant for patent, except that an international
application filed under the treaty defined in section 351(a) shall have the
effects for purposes of this subsection of an application filed in the
United States only if the international application designated the United
States and was published under Article 21(2) of such treaty in the English
language.

3.   Claim 5 is rejected under 35 U.S.C. 102(e) as being

anticipated by Perkowski US PUB (20020004753).

As per claim 5, Perkowski teaches a network dial-up servo

system, for use in Internet (fig. 2A and 3A3), having number-

type indexes corresponding to address data relating to web sites

in World Wide Web (listing of product numbers are linked to URLs

in UPC/URL database fig. 2A ¶ 030 and ¶ 066, for allowing a user

to input a number to an input box in a browser of the user's

computer and retrieve the web sites through the network dial-up

servo system (¶ 74 and 80); the network dial-up servo system

comprising:

        a data base for storing number-type indexes corresponding

to address data relating to web sites in World Wide Web (UPC/URL

database in fig. 2 stores product number and their associated

URLs (web sites) ¶ 030; ¶ 066 and ¶ 090), and classifying the

web sites according to numbers of the corresponding number-type

indexes (the web site are classified into fields and sub fields

UPC/URL database ¶ 090 and ¶ 0124), wherein if additional data

relating to new web sites are provided for the database,

corresponding number-type indexes are increased in the database

for the new web sites [new URL are added to the database as new

product numbers are created ¶ 051; ¶ 066 156-159].

Conclusion

4.   The prior made of record and not relied upon is considered

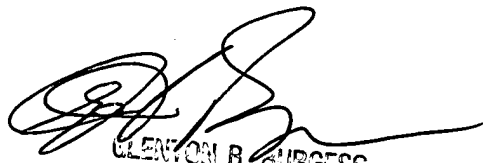pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier

communications from the examiner should be directed to Yasin

Barqadle whose telephone number is 571-272-3947. The examiner

can normally be reached on 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are

unsuccessful, the examiner's supervisor, Glenn Burgess can be

reached on 571-272-3949. The fax phone numbers for the

organization where this application or proceeding is assigned

are 703-872-9306 for regular communications and 703-746-7238 for

After Final communications.

Any inquiry of a general nature or relating to the status

of this application or proceeding should be directed to the

receptionist whose telephone number is 703-305-3900.

Yasin Barqadle

Art Unit 2153

GLENTON B. BURGESS
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